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April 11, 2005

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Brenda O. Holmes
FROM

18
PAGES (WITH COVER)

6559
REFERENCE NO

44471/249027
CLIENT/MATTER NO.

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COMMENTS

Applicant:	Katsuhiro SHIMANO et al.
Title:	Path Network and Path Network Operation Method Using Conversion of Protection Path into Working Path
Serial No./Docket No.:	09/698,884
Filed:	44471/249027
10/28/2000	

PAPERS SUBMITTED:

1. PTO/SB/21 – Transmittal form;
2. PTO/SB/06 – Patent Application Fee Determination Record;
3. First Response in application to non-final Office Action of 01/10/2005/04;
4. Application Data Sheet.

Date: April 11, 2005

By: Brenda O. Holmes, Reg. No. 40,339

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PTO/SB/21 (09-04)

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**TRANSMITTAL
FORM**

(To be used for all correspondence after initial filing)

Total Number of Pages In This Submission

Application Number	09/698,884
Filing Date	10/28/2000
First Named Inventor	Katsuhiro SHIMANO et al.
Art Unit	2665
Examiner Name	Clemence S. Han
Total Number of Pages In This Submission	Attorney Docket Number 44471/249027

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input checked="" type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> <input checked="" type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Remarks	

1) PTO/SB/06 - Fee Determination Record; and
2) Application Data Sheet.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	KILPATRICK STOCKTON LLP		
Signature	<i>Brenda O. Holmes</i>		
Printed name	Brenda O. Holmes		
Date	04-11-2005	Reg. No.	40,339

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO's Centralized Facsimile Number (703) 872.9306 on the date shown below.

Signature	<i>Janie Wilkins</i>		
Typed or printed name	Janie Wilkins	Date	4/11/05

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/05 (12-04)

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PATENT APPLICATION FEE DETERMINATION RECORD
Substitute for Form PTO-875Application or Docket Number
09/698,884

APPLICATION AS FILED – PART I				SMALL ENTITY		OTHER THAN SMALL ENTITY	
(Column 1)		(Column 2)					
FOR	NUMBER FILED	NUMBER EXTRA		RATE (\$)	FEES (\$)	RATE (\$)	FEES (\$)
BASIC FEE (37 CFR 1.16(b), (b), or (c))	N/A	N/A		N/A		N/A	710
SEARCH FEE (37 CFR 1.16(k), (l), or (m))	N/A	N/A		N/A		N/A	
EXAMINATION FEE (37 CFR 1.16(l), (p), or (q))	N/A	N/A		N/A		N/A	
TOTAL CLAIMS (37 CFR 1.16(j))	20	minus 20 =	0	x =		x 18 =	0
INDEPENDENT CLAIMS (37 CFR 1.16(h))	4	minus 3 =	1	x =		x 80 =	80
APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).						
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(l))				N/A		N/A	
				TOTAL		TOTAL	790

* If the difference in column 1 is less than zero, enter "0" in column 2.

APPLICATION AS AMENDED – PART II

(Column 1)		(Column 2)		(Column 3)		SMALL ENTITY		OTHER THAN SMALL ENTITY	
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE (\$)	ADDITIONAL FEE (\$)	RATE (\$)	ADDITIONAL FEE (\$)
	Total (37 CFR 1.16(j))	20	Minus	20	= 0	x =		x 9 = 0	
Independent (37 CFR 1.16(h))	4	Minus	4	= 0	x =		x 43 = 0		
Application Size Fee (37 CFR 1.16(s))					N/A		N/A		
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(l))					TOTAL ADD'L FEE		TOTAL ADD'L FEE	0	
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE (\$)	ADDITIONAL FEE (\$)	RATE (\$)	ADDITIONAL FEE (\$)
	Total (37 CFR 1.16(j))	18	Minus	20	= 0	x =		x 25 = 0	
Independent (37 CFR 1.16(h))	4	Minus	4	= 0	x =		x 100 = 0		
Application Size Fee (37 CFR 1.16(s))					N/A		N/A		
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(l))					TOTAL ADD'L FEE		TOTAL ADD'L FEE	0	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

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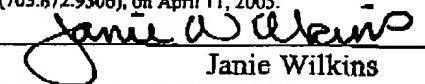
PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
 Katsuhiro SHIMANO et al.)
 Serial No. 09/698,884) Art Unit: 2665
 Filed: October 28, 2000) Examiner: Han, Clemence S.
 For: Path Network and Path Network)
 Operation Method Using Conversion)
 of Protection Path into Working Path)

CERTIFICATE OF TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being transmitted to the
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 (703.872.9306), on April 11, 2005.


 Janie Wilkins

DATE: April 11, 2005

SECOND RESPONSE

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Sir:

Responsive to the Office action dated January 10, 2005 in the patent application identified above, please reconsider the application in view of the appended remarks.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 12 of this paper.